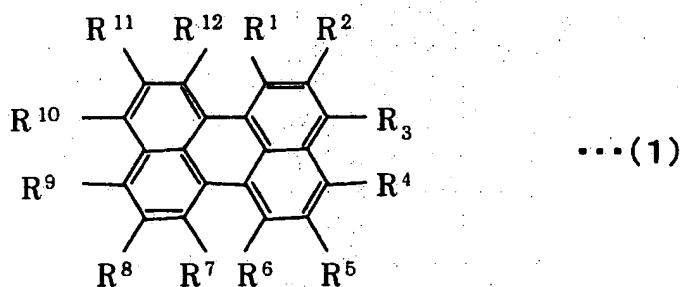


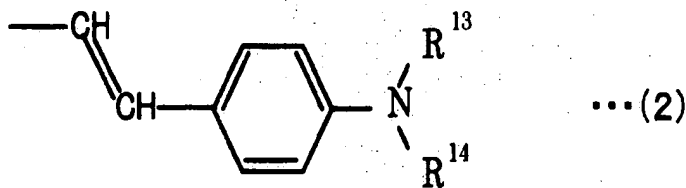
Listing of Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

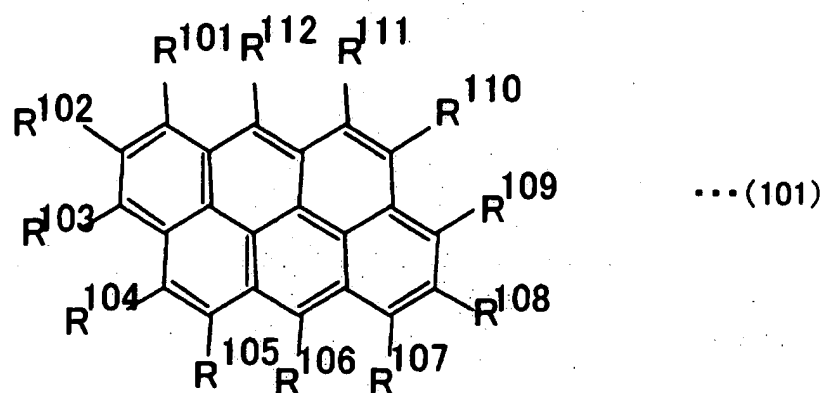
1. (Original): A fluorescent material comprising either one or both of a perylene compound represented by formula (1) below and an anthanthrene compound represented by formula (101) below:



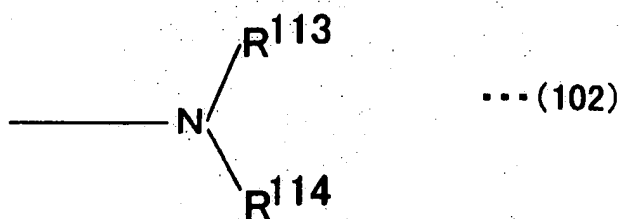
(in formula (1), two or more of R^{1-12} , each, have a structure represented by formula (2) below, with the rest being hydrogen),



(in formula (2), R^{13} and R^{14} are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted, wherein R^{13} and R^{14} may be bonded with each other, directly or via a bonding group), and



(in formula (101), four or more of $R^{101-112}$, each, have a structure represented by formula (102) below, with the rest being hydrogen),



(in formula (102), R^{113} and R^{114} are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted, wherein R^{113} and R^{114} may be bonded with each other, directly or via a bonding group).

2. (Original): A fluorescent material according to claim 1, wherein two of said R^{1-12} has a structure represented by formula (2), with the rest being hydrogen.

3. (Original): A fluorescent material according to claim 2, wherein four of said $R^{101-112}$, each, have a structure represented by formula (102), with the rest being hydrogen.

4. (Original): A fluorescent material according claim 3, wherein said R^{13} and R^{14} are, independently from each other, a phenyl or naphthyl group that may be substituted.

5. (Original): A fluorescent material according to claim 4, wherein said phenyl group or naphthyl group has a substituent group selected from the class consisting of an alkyl group, an aryl group, an alkoxy group, an aryloxy group, a dialkylamino group and a diarylamino group, and the substituent group may also be substituted.

6. (Original): A fluorescent material according to claim 4, wherein said R^{13} and R^{14} are, independently from each other, a phenyl or naphthyl group that may be substituted.

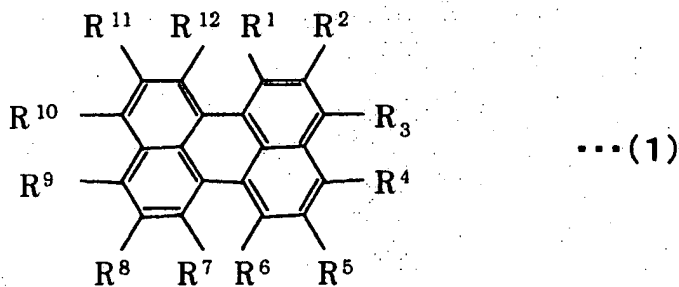
7. (Original): A fluorescent material according to claim 6, wherein said phenyl group or naphthyl group has a substituent group selected from the class consisting of an alkyl group, an aryl group, an alkoxy group, an aryloxy group, a dialkylamino group and a diarylamino group, and the substituent group may also be substituted.

8. (Original): A fluorescent material according to claim 6 for use as an organic light-emitting layer forming material for an organic electroluminescent element.

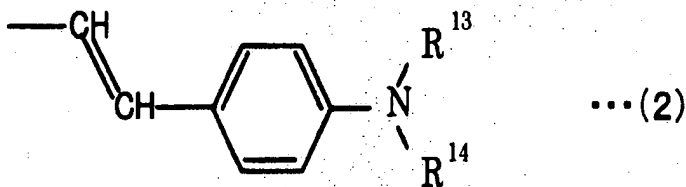
9. (Original): A fluorescent material according to claim 8 for use as an organic light-emitting layer forming material in the capacity of a host or a guest for an organic electroluminescent element.

10. (Original): An organic electroluminescent element having an organic light-emitting layer between an anode and a cathode, said organic light-emitting layer comprising a fluorescent material according to one of claims 1 to 7.

11. (Original): An organic electroluminescent element having an organic light-emitting layer between an anode and a cathode, said organic light-emitting layer using a perylene compound represented by formula (1) below as a fluorescent material:



(in formula (1), two of R^{1-12} , each, have a structure represented by formula (2) below, with the rest being hydrogen),

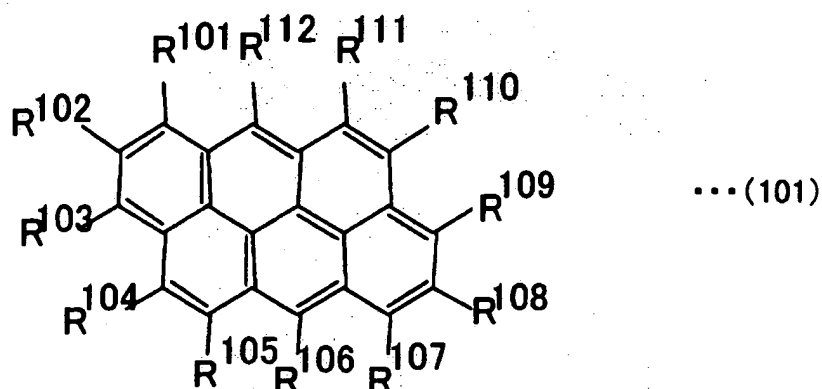


(in formula (2), R^{13} and R^{14} are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted, wherein R^{13} and R^{14} may be bonded with each other, directly or via a bonding group).

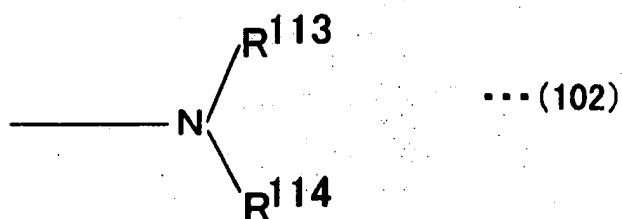
12. (Original): An organic electroluminescent element according to claim 11, wherein said R^{13} and R^{14} are, independently from each other, a phenyl or naphthyl group that may be substituted.

13. (Original): An organic electroluminescent element according to claim 12, wherein, said phenyl group or naphthyl group has a substituent group selected from the class consisting of an alkyl group, an aryl group, an alkoxy group, an aryloxy group, a dialkylamino group and a diarylamino group, and the substituent group may also be substituted.

14. (Original): An organic electroluminescent element having an organic light-emitting layer between an anode and a cathode, said organic light-emitting layer using an anthanthrene compound represented by formula (101) below as a fluorescent material:



(in formula (101), four of $R^{101-112}$, each, have a structure represented by formula (102) below, with the rest being hydrogen),



(in formula (102), R^{113} and R^{114} are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted, wherein R^{113} and R^{114} may be bonded with each other, directly or via a bonding group).

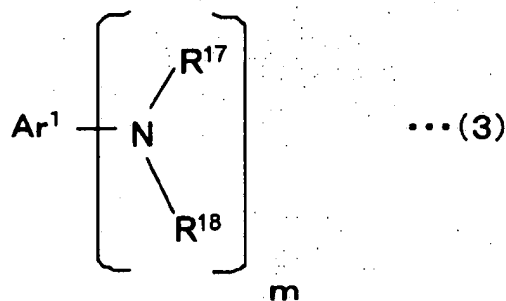
15. (Original): An organic electroluminescent element according to claim 14, wherein said R^{113} and R^{114} are, independently from each other, a phenyl or naphthyl group that may be substituted.

16. (Original): An organic electroluminescent element according to claim 15, wherein said phenyl group or naphthyl group has a substituent group selected from the class consisting of an alkyl group, an aryl group, an alkoxy group, an aryloxy group, a dialkylamino group and a diarylamino group, and the substituent group may also be substituted.

17. (Original): An organic electroluminescent element according to claim 10, wherein said fluorescent material is an organic light-emitting layer forming material in the capacity of a host or a guest.

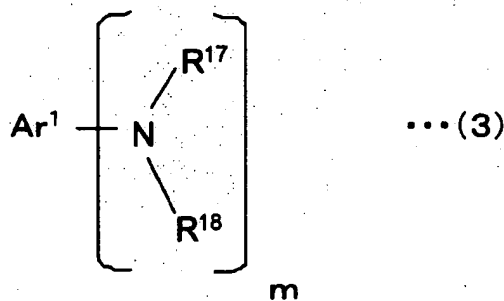
18. (Original): An organic electroluminescent element according to one of claims 11 to 16, wherein said fluorescent material is an organic light-emitting layer forming material in the capacity of a host or a guest.

19. (Original): An organic electroluminescent element according to claim 10, wherein said organic light-emitting layer comprises a mixture of said fluorescent material and an aromatic amine compound represented by formula (3) below as an organic light-emitting layer forming material:



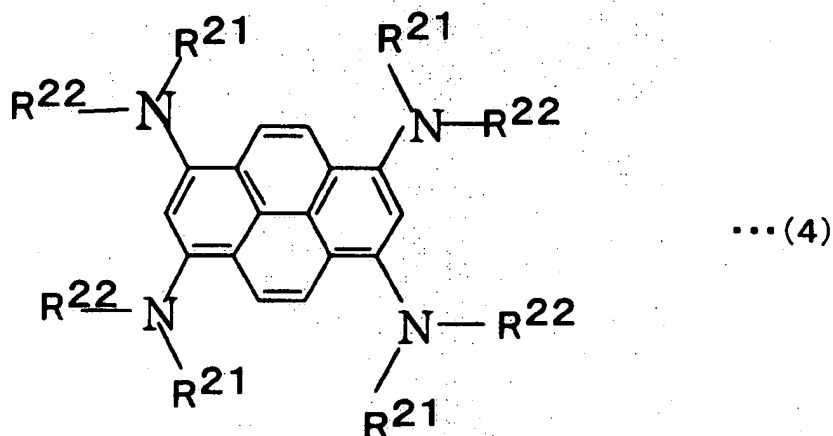
(in formula (102), R^{113} and R^{114} are, independently from each other, an aromatic group that may be substituted, or an aliphatic group that may be substituted, wherein R^{113} and R^{114} may be bonded with each other, directly or via a bonding group).

20. (Currently amended); An organic electroluminescent element according to one of claims 11 to [[17]] 16, wherein said organic light-emitting layer comprises a mixture of said fluorescent material and an aromatic amine compound represented by formula (3) below as an organic light-emitting layer forming material:



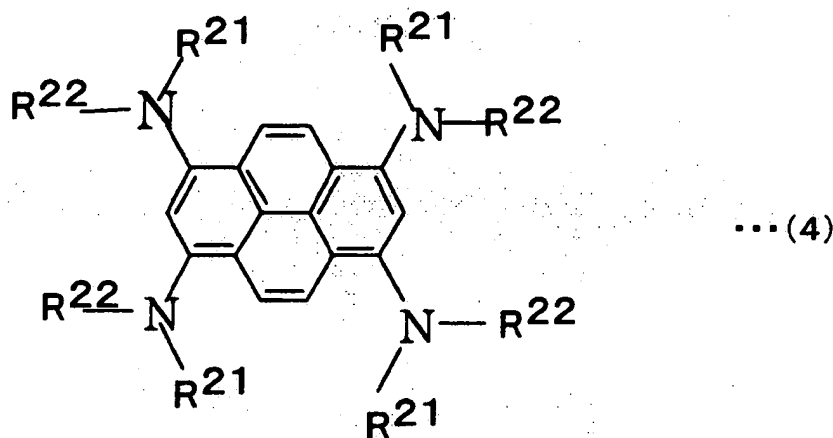
(wherein Ar^1 is an aromatic group with a bonding valency of 2, 3 or 4 that may be substituted; R^{17} and R^{18} are, independently from each other, a monovalent aromatic group that may be substituted; and m is an integer of 2-4).

21. (Original): An organic electroluminescent element according to claim 19, wherein said aromatic amine compound represented by formula (3) is a tetra(diarylamino)-substituted pyrene represented by formula (4) below:



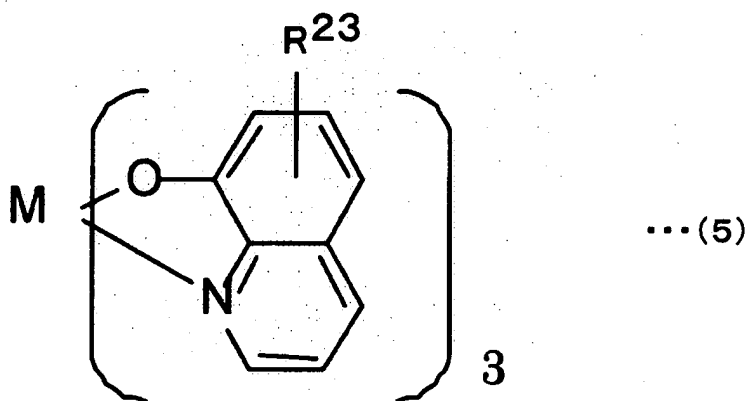
(wherein R²¹ and R²² are, independently from each other, a monovalent aromatic group).

22. (Original): An organic electroluminescent element according to claim 20, wherein said aromatic amine compound represented by formula (3) is a tetra(diarylamino)-substituted pyrene represented by formula (4) below:



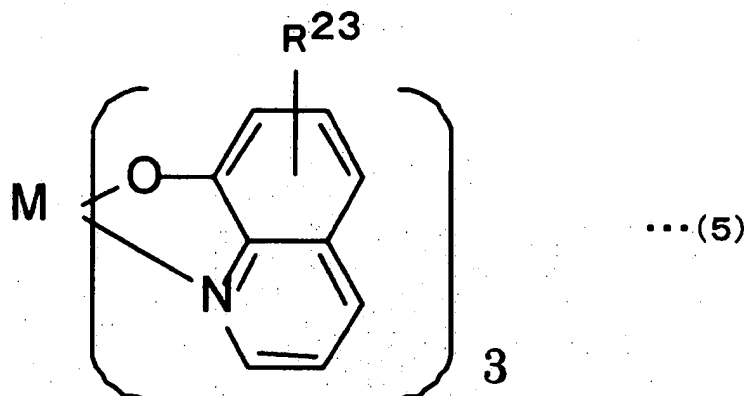
(wherein R^{21} and R^{22} are, independently from each other, a monovalent aromatic group).

23. (Original): An organic electroluminescent element according to claim 10, wherein said organic light-emitting layer comprises, as an organic light-emitting layer forming material, a mixture of said fluorescent material and a hydroxyquinoline complex represented by formula (5) below:



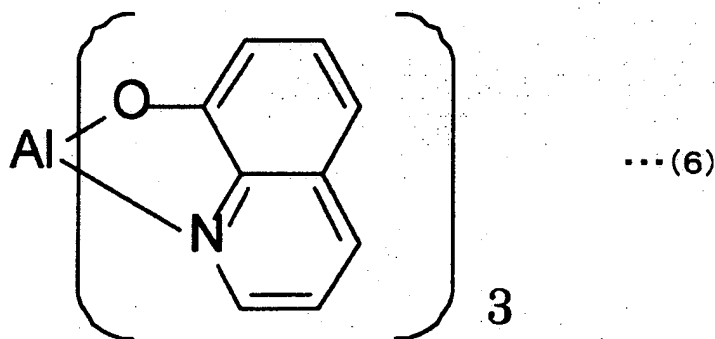
(wherein R^{23} is hydrogen or an alkyl group that may be substituted; and M is a metal having a valency of 3).

24. (Currently Amended): An organic electroluminescent element according to one of claims 11-[[17]] 16, wherein said organic light-emitting layer comprises, as an organic light-emitting layer forming material, a mixture of said fluorescent material and a hydroxyquinoline complex represented by formula (5) below:

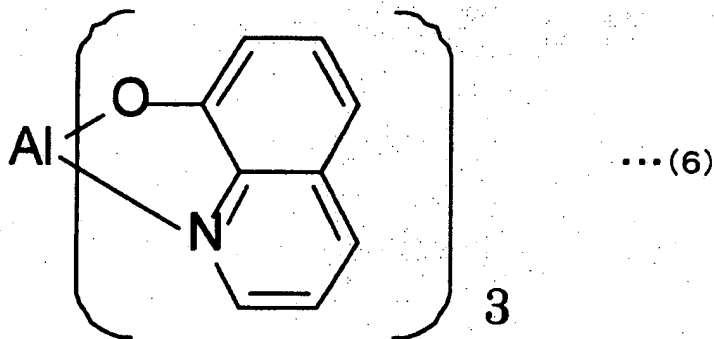


(wherein R^{23} is hydrogen or an alkyl group that may be substituted; and M is a metal having a valency of 3).

25. (Original): An organic electroluminescent element according to claim 23, wherein said hydroxyquinoline complex is an aluminum hydroxyquinoline complex represented by formula (6) below:



26. (Original): An organic electroluminescent element according to claim 24, wherein said hydroxyquinoline complex is an aluminum hydroxyquinoline complex represented by formula (6) below:



27. (Original): An organic electroluminescent element according to claim 10, wherein said organic light-emitting layer consists of a single layer of a fluorescent material.

28. (Original): An organic electroluminescent element according to one of claims 11 to 16, wherein said organic light-emitting layer consists of a single layer of a fluorescent material.

29. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 10.

30. (Currently amended): An organic electroluminescent display using an organic electroluminescent element according to one of claims 11 to ~~17, 19, 21, 23, 25 and 27~~ 16.

31. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 18.

32. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 20.

33. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 22.

34. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 24.

35. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 26.

36. (Original): An organic electroluminescent display using an organic electroluminescent element according to claim 28.